

PATENT

Attorney Docket No.: 14089002540

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ASST. COMMISSIONER OF PATENTS
WASHINGTON, DC 20231

8 JUNE 2001

TOWNSEND and TOWNSEND and CREW LLP

By:

NANCY PIZZO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

VIJAYEN, VEERASAMY et al.

Application No.: 09/165,513

Filed: October 2, 1998

For: METHOD OF PRODUCING RECORDING
MEDIA HAVING PROTECTIVE
OVERCOATS OF HIGHLY
TETRAHEDRAL AMORPHOUS CARBON

Examiner: S. Resan

Art Unit: 1773

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed January 22, 2001, please amend the
above-identified application as follows:

IN THE SPECIFICATION:

Please delete the paragraph starting on page 34, line 36 and ending on page 35,
line 4 and insert the following paragraph:

--The Raman spectra of the filtered cathodic arc disks were also measure, and the results are provided in Fig. 8. Generally, these results indicated that a film can be deposited using a cathodic arc source which includes a G-peak in the area of about 1518, and having a G width of approximately 175. The pseudo band gap of this film appears to be roughly 1.68 eV, while the refractive index is approximately 2.5. The complex portion of the optical index of refraction, K, appears to be approximately .08 for the film. As illustrated in Fig. 8, the Raman spectra 200 is dominated by a single peak 202 that may be characterized by a generally smooth curve 204. In some instances, the generally smooth curve 202 may exhibit a localized secondary perturbation 206 that is offset from the smooth curve 202.--

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